2318928 - FB08/FB03: Problems with various reference types (BKPF-AWTYP)

Version	6	Type	SAP Note
Language	English	Master Language	German
Priority	Correction with high priority	Category	Program error
Release Status	Released for Customer	Released On	10.08.2017
Component	AC-INT (Accounting Interface)		

Please find the original document at https://launchpad.support.sap.com/#/notes/ 2318928

Symptom

1. When you use transaction FB08 to reverse documents that were not posted with the reference type (AWTYP) 'BKPF', 'FMPSO', 'BKPFF', 'IBKPF', or 'GLSUM', the following problems occur:

- If General Ledger Accounting (new) is active, the reversal terminates with the runtime error ASSERTION_FAILED in the program SAPLFAA_RWIN because the reference key (AWKEY) for the reversal document is not filled.
- You can reverse the document. However, AWTYP (and not AWKEY) is filled in the reversal document. This causes follow-on problems in transaction FB03. If you try to display the accounting documents for the reversal document, error message RW004 - "Object type or reference number is initial" - is output.

2. In the display of accounting documents in transaction FB03, you receive all documents with awkey = space, which can cause runtime problems as well as making the list hard to read.

3. During the display of the accounting documents in transaction FB03, you notice that documents from Joint Venture Accounting and SL documents are not displayed, for example, even though they exist in the system.

Other Terms

FB08, FAA_RWIN_BELEG_POST, FOTP, BKPF, AWTYP, AWKEY, FB03, RW004, RW 004, 004(RW), FI_REVERSE_POSTING_ALLOWED, SAPMF05A, BAPI_ACC_DOCUMENT_POST, LFAA_RWINU15, BKPFF, FBU8, FI_REFERENCE_CREATE, RW628, RW 628, 628(RW)

Reason and Prerequisites

Program error and incorrect procedure for posting documents to FI

Solution

Implement the specified source code corrections in your system.

With the implementation of the correction, following a successful check of the reversal prerequisites, the field AWTYP is generally filled with 'BKPF' in reversal documents in FI in transaction FB08 and the field AWKEY is filled with the document number, company code, and fiscal year if the document to be reversed was not posted with the reference type (AWTYP) 'FMPSO', 'BKPFF', 'IBKPF', or 'GLSUM'.

Furthermore, the posting of FI documents with the help of the BAPI BAPI_ACC_GL_POSTING_POST with AWTYP = 'BKPFI' and AWTYP = 'IBKPF' is no longer allowed in the future (like for the BAPI

BAPI_ACC_DOCUMENT_POST), so when you try to do this, you receive error message 628(RW) - 'Incorrect entry in field OBJ_TYPE: &1'.

Comment

1. If the documents to be reversed were posted with a customer program, for example, using the BAPI BAPI_ACC_GL_POSTING_POST Accounting: General G/L Account Posting AWTYP = 'BKPFI', you will either have to work with the AWTYP 'BKPFF' or, as described in the long text of message 628(RW), create your own AWTYP in the table TTYP and then use it. If you use your own AWTYP, you must ensure your own implementation of the reversal function with the relevant reversal BAPI, such as BAPI_ACC_GL_POSTING_REV_POST (Accounting: Post General G/L Posting Reversal). For more information about BAPIs of the Accounting Interface, see SAP Note 306504, too.
2. To avoid follow-on problems in the future and achieve consistent system behavior, after you implement this SAP Note, the system will issue error message 628 (RW) "Incorrect entry in field OBJ_TYPE: &1" for all BAPIs in the function group ACC4 in future if you use AWTYP = 'BKPFI' or 'IBKPF'. Accordingly, the following BAPIs are affected by this change:

   - BAPI_ACC_BILLING_CHECK, BAPI_ACC_BILLING_POST,
   - BAPI_ACC_EMPLOYEE_EXP_CHECK, BAPI_ACC_EMPLOYEE_EXP_POST,
   - BAPI_ACC_EMPLOYEE_PAY_CHECK, BAPI_ACC_EMPLOYEE_PAY_POST,
   - BAPI_ACC_EMPLOYEE_REC_CHECK, BAPI_ACC_EMPLOYEE_REC_POST,
   - BAPI_ACC_GL_POSTING_CHECK, BAPI_ACC_GL_POSTING_POST,
   - BAPI_ACC_GOODS_MOVEMENT_CHECK, BAPI_ACC_GOODS_MOVEMENT_POST,
   - BAPI_ACC_INVOICE_RECEIPT_CHECK, BAPI_ACC_INVOICE_RECEIPT_POST,
   - BAPI_ACC_PURCHASE_ORDER_CHECK, BAPI_ACC_PURCHASE_ORDER_POST,
   - BAPI_ACC_PURCHASE_REQUI_CHECK, BAPI_ACC_PURCHASE_REQUI_POST,
   - BAPI_ACC_SALES_ORDER_CHECK, BAPI_ACC_SALES_ORDER_POST,
   - BAPI_ACC_SALES_QUOTA_CHECK, BAPI_ACC_SALES_QUOTA_POST,
   - BAPI_ACC_TRAVEL_CHECK, and BAPI_ACC_TRAVEL_POST.

   The solution described for BAPI_ACC_GL_POSTING_POST above (using the AWTYP 'BKPFF' or your own AWTYP, with additional detailed information in SAP Note 306504) generally applies to all BAPIs in the function group ACC4.

Software Components

Software Component	Release
SAP_APPL	600 - 600
SAP_APPL	602 - 602
SAP_APPL	603 - 603
SAP_APPL	604 - 604
SAP_APPL	605 - 605
SAP_APPL	606 - 606
SAP_APPL	616 - 616
SAP_FIN	617 - 617
SAP_FIN	618 - 618
SAP_FIN	700 - 700

SAP_FIN	720 - 720
SAP_FIN	730 - 730
SAPSCORE	105 - 105
S4CORE	100 - 100

Correction Instructions

Software Component	From	To	Version	Changed on	ID
S4CORE	100	100	1	08.06.2016 08:50:10	0000013825
SAP_APPL	606	616	5	08.06.2016 15:21:11	0000013824
SAP_APPL	605	605	2	08.06.2016 10:15:10	0000013966
SAP_APPL	604	604	2	08.06.2016 12:53:30	0000014338
SAP_APPL	600	603	6	08.06.2016 13:15:03	0000013964
SAP_FIN	617	730	2	08.06.2016 08:42:09	0000013823

Other Components

Component	Description
FI-GL-GL-A	Posting/Clearing
FI-AP-AP-A	Posting/Clearing/Special General Ledger
FI-AR-AR-A	Posting/Clearing/Special General Ledger

Prerequisites

Software Component	From	To	SAP Note/KBA	Title	Component
SAP_APPL	46C	606	1648706	Reversal w/ invalid AWTYP using BAPI_ACC_DOCUMENT_REV_POST	AC-INT
SAP_APPL	600	600	1648933	Migration: Reversing periodic postings error M8 577	FI-AA-AA-C
				FB08: Runtime error ASSERTION_FAILED for	

SAP_APPL	600	604	2227986	AWTYP "FOTP"	FI-GL-GL-A
SAP_APPL	602	602	1648933	Migration: Reversing periodic postings error M8 577	FI-AA-AA-C
SAP_APPL	603	603	1648933	Migration: Reversing periodic postings error M8 577	FI-AA-AA-C
SAP_APPL	604	605	1648933	Migration: Reversing periodic postings error M8 577	FI-AA-AA-C
SAP_APPL	605	605	2227986	FB08: Runtime error ASSERTION_FAILED for AWTYP "FOTP"	FI-GL-GL-A
SAP_APPL	605	616	2095207	BAPI: Preventing a posting with object type BKPFE	AC-INT
SAP_APPL	606	606	1648933	Migration: Reversing periodic postings error M8 577	FI-AA-AA-C
SAP_APPL	606	616	2227986	FB08: Runtime error ASSERTION_FAILED for AWTYP "FOTP"	FI-GL-GL-A
SAP_FIN	617	700	2095207	BAPI: Preventing a posting with object type BKPFE	AC-INT

Support Package

Software Component	Release	Support Package
S4CORE	100	SAPK-10003INS4CORE
SAP_APPL	600	SAPKH60029
SAP_APPL	602	SAPKH60219
SAP_APPL	603	SAPKH60318
SAP_APPL	604	SAPKH60419
SAP_APPL	605	SAPKH60516
SAP_APPL	606	SAPKH60618
SAP_APPL	616	SAPKH61611
SAP_FIN	617	SAPK-61713INSAPFIN
SAP_FIN	618	SAPK-61804INSAPFIN
SAP_FIN	700	SAPK-70010INSAPFIN
SAP_FIN	720	SAPK-72006INSAPFIN
SAP_FIN	730	SAPK-73005INSAPFIN

This document refers to

SAP Note/KBA	Title
306504	Composite SAP Note: BAPIs for the accounting interface
2227986	FB08: Runtime error ASSERTION_FAILED for AWTYP "FOTP"

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